

LOCATION SKETCH

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL						
Concrete Removal	Cu. Yd.	81.5		81.5						
Bridge Rail Removal	Foot	1172		1172						
Concrete Superstructure	Cu. Yd.	83		83						
Floor Drain Extension	Each	66		66						
Reinforcement Bars, Epoxy Coated	Pound	13820		13820						
Bar Splicers	Each	134		134						
Relocating Name Plate	Each	i		1						
Preformed Joint Strip Seal	Foot	160		160						
Concrete Sealer	Sq. Yd.	3045		3045						
Cleaning Bridge Seats	Sg. Ft.		512	512						
Plug Existing Deck Drains	Each	114		114						
Polymer Modified Portland Cement Mortar	Sq. Ft.	29.8		29.8						
Structural Repair of Concrete (Depth Equal to or Less Than 5in.)	Sq. Ft.	55.6	136.5	192.1						
Retrofit Concrete Parapet	Foot	1106		1106						

* Concrete Sealer shall be applied to the surface of the deck and the top and inside vertical faces of the parapets.

GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during conrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost included in concrete removal.

Removal and reinstallation of the existing name plate will be necessary for construction of the expansion joint at the East Abutment. This work and all materials shall be included in the contract unit price for Relocating Name Plates. The Contractor shall use extreme care during concrete removal so as

The existing abutment seats and seats at piers 3 & 6 shall be cleaned according to the special provision for "Cleaning Bridge Seats".

The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructures.

Joint openings shall be adjusted according to Article 520.04 of the Std. Specs, when the deck is poured at an ambient temperature other than 50° F.

DESIGN STRESSES

NEW CONSTRUCTION FIELD UNITS f'c = 3,500 psi fy = 60,000 (reinforcement)

> GENERAL PLAN & ELEVATION U.S. ROUTE 50 OVER SUGAR CREEK F.A.P. 327 SEC. 14-12BR-1 CLINTON COUNTY STATION 2769+75 S.N. 014-0049

No. 184-001907

17 SHEETS

1	F.A.P. SECTION			COUNTY	TOTAL SHEETS		SHEE NO.	Ī	
*	327	14-12BR-1			CLINTON	72		45	
S		,			CONTRACT	NO.	76	B27	
	FED. RO	AD DIST. NO.	ILL INOIS FED	. A]	D PROJECT				-